Manhole Inspection Summary M		anhole # S25GG_001MH		
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Inspection	☐ Is Incomplete Rating: 4)	Poor		
Record Plat: 25	GGG Node: 001 Status: Fo	ound	Insp Date: 10/24/08 11:23 AM	
Incomplete Cor	nments		Crew: REI2	
			Inspector: Provine, D Firm: REI	
Location	Address: 1900 PENNSYLVANIA	A AVE	Cross Street: ROBERT ST	
Manhole	Type: Offset Location: Ro (type 1)	oadway	Ground Conditions: Dry	
	Prev. Rehab Weather: D	y S	Subject To Ponding: Sheeting	
Comments	ORIGINAL INSPECTION BY PHOENIX ENGINEERING CREW: SP, DP 10/19/2007. COMPLETED BY REI/DRAYCO ROOTS IN PIPE PICS ARE ON THE BENCH FROM THE 3 O'CLOCK PIPE			
Cover	Shape: Circular Dia	meter: 24 (in.) Lengt	h: (in.) Dist A/B Grade: 0 (in.)	
	Type: Sanitary Cond	dition: Sound	Cover Material: Cast Iron	
Properties: Bolted Vented Water Tight Water Tight Insert				
Frame	Offset: 3 (in.) Condition	: Sound Crack	ked V Leaks	
Chimney / Frame Adjustment □ Exists Material: □ Parged Height: (in.)				
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated				
Infiltration: None Joint Cracks Mortar Roots Wall				
Corbel	Material: Brick			
Condition:	ondition: Sound Cracked Root Intrusion Loose Brick Deteriorated			
Infiltration: ☐ None ☑ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall				
Barrel	Barrel Material: Brick Parged			
Shape: Circular Diameter: 42 (in.) Length: (in.)				
Condition:	Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated			
Infiltration:	☐ None ☐ Joint ☐ Cracks	Mortar Roc	ots V Wall	
Bench	✓ Exists Material: Brick	☐ Pargeo	Debris (not Condition related)	
Condition:	☐ Sound ☐ Cracked ✓ Room	Intrusion Deterio	orated Leaks Debris	
Channel	Material: Brick	☐ Parged ✓ Deb	ris (not Condition related)	
Channel Exposure: Fully Open Junc Dist: 1 nearest .5 ft. Azimuth: 70				
Condition: ☐ Sound ☐ Cracked ✓ Root Intrusion ✓ Deteriorated ☐ Leaks ☐ Debris				
Steps Count: 5 Missing: 0 Corroded				
Surcharge	✓ Evidence Of Surcharge □	Pepth: 9 (ft.) Activ	ve Surcharge Present	

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Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris.

Defect



Frame leaks. Corbel deterioration, loose brick and infiltration. Barrel infiltration.

Top View



1st visit. Needs cleaning.

Defect



Bench/Channel root intrusion.

Defect



Frame leaks. Frame offset. Corbel deterioration, loose brick and infiltration.

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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 9.50 (ft.) Flow Characteristics: Slow

Deposits: \checkmark None \square Mud \square Sludge \square Debris \square Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: Evidence Pipe Seal Cond: Unknown

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 7.55 (ft.) Flow Characteristics: Slow

Deposits: None None Sludge Debris Grease

Silt Depth: **6** (in.) Deposits Extent: **Heavy** Infiltration: **None** Pipe Seal Cond: **Roots**

Drop In @ 3 O'Clock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **7.90** (ft.)

Inv Depth: **8.90** (ft.)

Drop Condition: Clogged

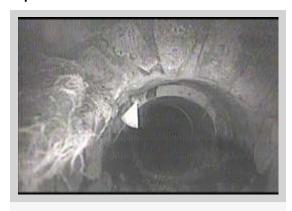
Connects To: **Manhole**Possible Illicit Connection

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8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Rod and Bar (Angled)	Drop: None
Pipe Material: Clay	
Invert Depth: 8.82 (ft.) Flow Characteristics: Slow	
Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Greas	e
Silt Depth: (in.) Deposits Extent:	Connects To: Manhole
Infiltration: Evidence Pipe Seal Cond: Roots	☐ Possible Illicit Connection